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PRESS RELEASE

Easy Cell

Protective housing for extremely confined space

WITTMANN BATTENFELD Germany has developed an extremely space-saving solution to accommodate automation equipment, especially pick and place. These “Easy Cell” housings are designed primarily for injection molding machines already installed very closely together, which customers wish to retrofit with automation equipment.

Where injection molding machines already installed in a production hall are to be upgraded with automation, the space between these machines is often very confined and thus insufficient for a fixed protective housing with access via a safety gate. The Easy Cells developed by WITTMANN BATTENFELD Germany in Nuremberg need no safety gate and thus take up only minimal space beside the injection molding machines. For example, the total width required to fit a 600 mm outlet conveyor is no more than 850 mm.

Easy Cells are mounted on castors and can be shifted as required, for instance to provide access to the non-operator side for a mold change. In spite of their compact design, they come with all necessary safety features according to CE standards.

The Easy Cells were specially developed for fitting out machines with WITTMANN sprue pickers and robots from the PRIMUS series. They are available in a number of different versions, such as for robots in L configuration with parts depositing behind the clamping unit, and they can also be adapted to customers' wishes.

Thanks to reduction to the most essential components, the costs for Easy Cells can be kept low. They come in six different versions as standard. Easy Cells can also be extended by optional extras such as grippers, a commissioning package or the complete CE installation.

Easy Cells can be demonstrated at the WITTMANN BATTENFELD facility in Nuremberg at any time either directly on site or via WITTMANN Interactive.



Fig. 1: Injection molding machine with Easy Cell



Fig. 2: Easy Cell shifted to provide access to the mold

The WITTMANN Group

The WITTMANN Group is a globally leading manufacturer of injection molding machines, robots and auxiliary equipment for processing a great variety of plasticizable materials – both plastic and non-plastic. The group of companies has its headquarters in Vienna, Austria and consists of two main divisions: WITTMANN BATTENFELD and WITTMANN. Following the principles of environmental protection, conservation of resources and circular economy, the WITTMANN Group engages in state-of-the-art process technology for maximum energy efficiency in injection molding, and in processing standard materials and materials with a high content of recyclates and renewable raw materials. The products of the WITTMANN Group are designed for horizontal and vertical integration into a Smart Factory and can be interlinked to form an intelligent production cell.

The companies of the group jointly operate eight production plants in five countries, and the additional sales companies at their 34 different locations are present in all major industrial markets around the world.

WITTMANN BATTENFELD pursues the continued strengthening of its market position as a manufacturer of injection molding machines and supplier of comprehensive modern machine technology in modular design. The product range of WITTMANN includes robots and automation systems, material handling systems, dryers, gravimetric and volumetric blenders, granulators, temperature controllers and chillers. The combination of the individual areas under the umbrella of the WITTMANN Group enables perfect integration – to the advantage of injection molding processors with an increasing demand for seamless interlocking of processing machines, automation and auxiliaries.

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